

National Aeronautics and Space Administration



NASA'S TECHNOLOGY INFUSION
ROAD TOUR

Historically Black Colleges/Universities & Minority Serving Institutions

NEW MEXICO STATE UNIVERSITY

**Finding Opportunities within the NASA Human
Exploration Mission Directorate (HEO)**

Michael Vinje

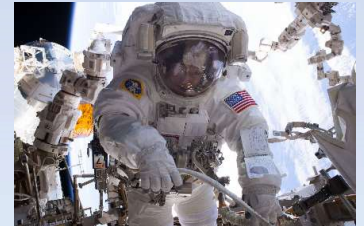
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Human Exploration Mission Directorate (HEOMD)

- Provides the Agency with leadership and management of NASA space operations related to human exploration in and beyond low-Earth orbit.
- Responsible for Agency leadership and management of NASA space operations related to Launch Services, Space Transportation, and Space Communications in support of both human and robotic exploration programs.
- The International Space Station, currently orbiting the Earth with a crew of six, represents the NASA exploration activities in low-Earth orbit.
- Exploration activities beyond low-Earth orbit include the management of Commercial Space Transportation, Exploration Systems Development, Human Space Flight Capabilities, Advanced Exploration Systems, and Space Life Sciences Research & Applications.

<https://www.nasa.gov/directorates/heo>

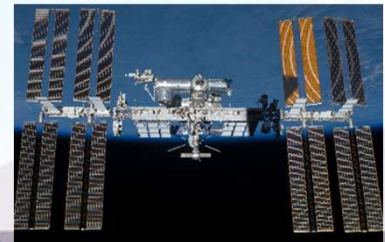


Opportunities to work with HEOMD

Programs

- Space Launch System
- Orion Spacecraft
- Ground Systems Development
- Commercial Space Transportation
- Advanced Exploration Systems
- Space Life and Physical Sciences Research and Applications
- Human Research Program
- International Space Station
- Launch Services
- Rocket Propulsion Test
- Space Communications and Navigation (SCaN)

www.nasa.gov/directorates/heo/index.html



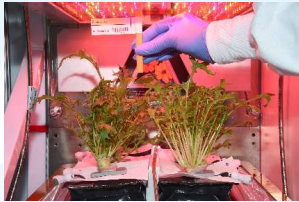
Exploration Education and Outreach

A variety of educational materials are available to educators who want to invite NASA into their classrooms. Many of these resources can be downloaded in minutes — and at no cost



Space Launch Systems Education and Outreach

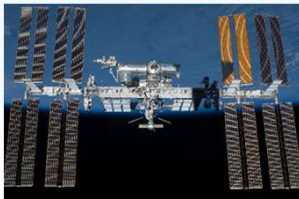
<http://www.nasa.gov/exploration/systems/sls/outreach/index.html>



Space Life Sciences Education

Topic sections and news on space life sciences research.

<https://www.nasa.gov/audience/foreducators/spacelife/home/index.html>



ISS for Researchers

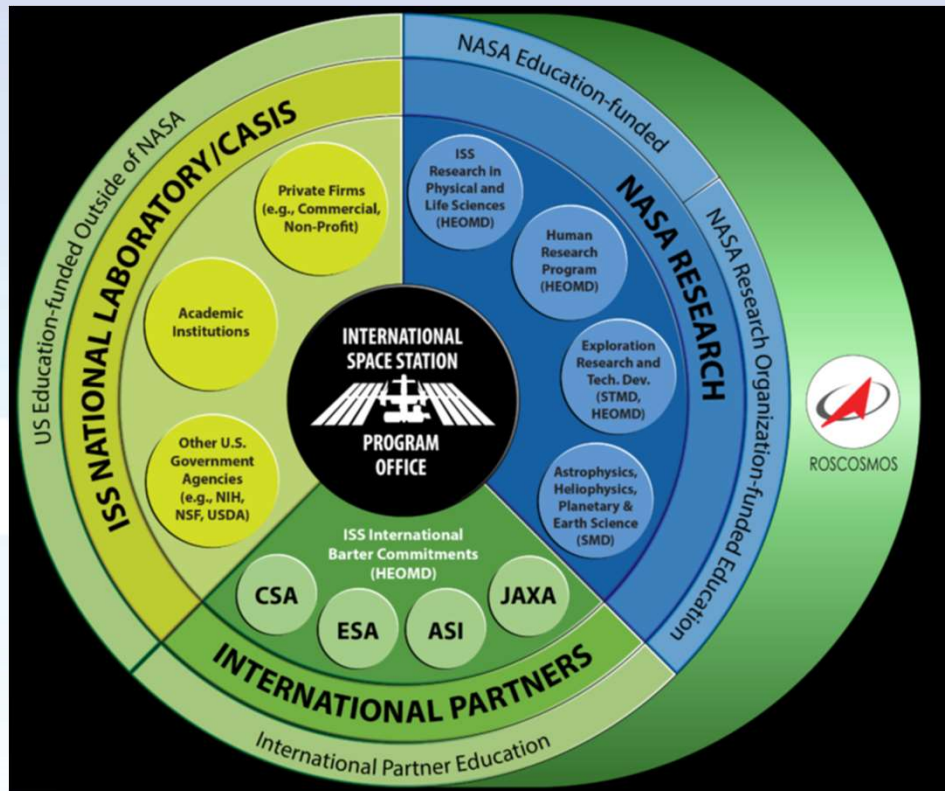
Discover how NASA partners with industry, academia and federal, state, regional and local entities for research and development.

https://www.nasa.gov/mission_pages/station/research/index.htm

Students https://www.nasa.gov/mission_pages/station/research/ops/research_student.html

Teachers https://www.nasa.gov/mission_pages/station/research/ops/research_teacher.html

HEOMD Research Funding Sources



For more information on research sponsorship and funding, see:

http://www.nasa.gov/mission_pages/station/research/ops/funding/

HEOMD Research Funding Sources

1. NASA Research

Grant opportunities and information in NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES) at <http://nspires.nasaprs.com/external/>

2. National Laboratory Research / The Center for the Advancement of Space in Science (CASIS)

The 2005 NASA Authorization Act designated the U.S segment of the space station as a national laboratory, enabling access by other Federal agencies, non-profits, and the private sector. Opportunities and information on the website for the ISS National Lab, managed by CASIS: www.issnationallab.org/research-on-the-iss/solicitations/

3. Educational Activities

Both NASA Education and CASIS offer education opportunities and information at NASA: www.nasa.gov/audience/foreducators/stem_on_station/index.html and on the ISS National Lab website: www.issnationallab.org/, www.issnationallab.org/research-on-the-iss/areas-of-research/education/

4. International Partner Research

International investigators should seek sponsorship through their appropriate space agency.

For more information on research sponsorship and funding, see:
http://www.nasa.gov/mission_pages/station/research/ops/funding/

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